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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF SAMPLING AND ANALYSIS PLAN (SAP) DATED
30 JUNE 1997 FOR BUILDING 648B CNC CHARLESTON SC
10/14/1997
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



2600 Bull Street
Columbia, SC 29201-1708

Mr. Gabriel L. Magwood
Southern Division NFEC
P.O. Box 190010
2155 Eagle Drive
North Charleston, South Carolina 29419-9010

Re: Sampling and Analysis Plan dated June 30, 1997
Bldg. 648B (Site Identification # 17784)
Charleston Naval Complex/Charleston Naval Base
Charleston, SC
Charleston County

Date: October 14, 1997

Dear Mr. Magwood:

The author has completed technical review of the referenced document. As submitted, the SAP (Sampling and Analysis Plan) provides for investigative endeavors to determine the extent and severity of contamination associated with a suspected release from the referenced vessel. The author recognizes that the Final CSAP (Comprehensive Sampling and Analysis Plan) dated August 30, 1994 will be utilized at the referenced site during the course of the investigation. With this consideration, the facility must ensure that the site specific sampling program is sufficient to identify and quantify all potential CoC's (contaminant of concern) reasonably expected to be associated with the product stored at the referenced site.

Based on the foregoing review, the proposed assessment activities appear appropriate and reasonable and are approved for implementation. In the presence of significant dissolved/free phase contamination (soils and/or groundwater) the facility may employ best professional judgement to install additional sampling points to define the limits (horizontal and vertical) of contamination. It is anticipated that all activities and reporting requirements will be conducted in accordance with the CSAP and as proposed in the referenced SAP. As previously identified, additional assessments and/or sampling may be required as information and data is developed from the proposed investigative activities.

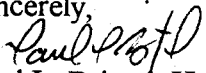
Please find enclosed monitoring well approval for the installation of three (3) temporary groundwater monitoring points. Conversion of temporary sampling points to permanent wells should be proposed in the Assessment Report with appropriate technical justification, as

Charleston Naval Base
Building 648B (#17784)
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necessary.

Should you have any questions, please contact me at (803) 734-5328.

Sincerely,


Paul L. Bristol, Hydrogeologist
Groundwater Quality Section
Bureau of Water

cc: Trident District EQC



2600 Bull Street
Columbia, SC 29201-1708

Monitoring Well Installation Approval Form

Date of Issue: October 14, 1997

Approval No: 0039

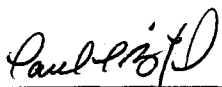
Approval is hereby granted to: Department of the Navy
(on behalf of): Charleston Naval Base
GWPD Site #: 17784
County: Charleston

This approval is for the construction of three (3) temporary monitoring wells designated (to be designated) in accordance with the construction plans and technical specifications submitted to the Department on August 30, 1994 and requested June 30, 1997. The well(s) are to be constructed within the surficial aquifer for the intended purpose of monitoring groundwater quality and/or water level(s) at the referenced facility. Approval is provided with the following conditions:

1. The latitude and longitude, surveyed elevations, boring and/or geologist logs and actual (as built) construction details for each well be submitted to Paul L. Bristol within thirty (30) days of completion (of last well(s) installed). (to be submitted with Assessment Report)
2. Each well shall be labeled with an identification plate constructed of a durable material affixed to the casing or surface pad where it is readily visible. The plate shall provide monitoring well I.D.#, date of construction, static water level, and driller name and state certification #. (as necessary)
3. Well construction and sampling derived waste including, but not necessarily limited to, drill cuttings, drilling fluids, development and purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regard to contents, source, and date of activity.
4. A minimum of forty-eight (48) hours prior to initiation of drilling activities, please provide notice to Trident District EQC Office (803-740-1590).
5. Please provide ground-water quality analytical data (chemical analysis and/or water level(s)) associated measurements (i.e., in-situ field measurements) to Paul L. Bristol within thirty (30) days of receipt from laboratory. (to be submitted with Assessment Report)
6. Monitoring wells shall be installed by a well driller certified by the State of South Carolina.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and the Department of Health and Environmental Control Regulations R.61-71.

Approved by:


Paul L. Bristol, Hydrogeologist, P.G.
Groundwater Quality Section
Bureau of Water

cc: Trident District EQC